SORAMITSU 8 YEARS ソラミツ

A MEMO TO THE SORA COMMUNITY

AUGUST 2024

This document accompanies the invoice sent to SORA for the services provided by SORAMITSU.

August 2024 was an incredible month of accomplishments. The SORA Integrated Plan continues to be the roadmap for the SORA network development pipeline, and the progress rate has steadily advanced.

This memo will provide a perspective on the activities for each track, a description of the development activities specific to this month, and the total amount of hours presented in invoice number 900108 served to the SORA Community.

1 SORA (Substrate) – 5,759 hrs

This month's work focuses on the tokenomics upgrade, Kensetsu, the Multi EVM bridge, the TON bridge, ALT Technology, and the DeFi-R proof of concept.

Work is ongoing to improve the Kensetsu feature, including developing business metrics, conducting user research to improve functionality, and creating educational materials to support its widespread use. Additionally, support for Kensetsu USD-based pairs within liquidity pools and the order book has been worked on.

Work on the tokenomics upgrade included implementing new chameleon pools, improving on the previous iteration, and finalizing requirements for the second phase of the implementation.

With major development on ALT (Aggregate Liquidity Technology) complete, extensive testing iterations are ongoing. Education collaterals and feature documentation are in the pipeline to showcase its use and features.

The Multi-EVM bridge is undergoing active testing in the development environment and will go through security audit, and implementation to support bridging to the Binance Smart Chain is ongoing; other EVM-based blockchain connections will be announced later.

Development on the bridge between the SORA network and The Open Network (TON) is ongoing. The technology research and architecture definition for this implementation are steadily ongoing. Support for the TON bridge in the front end, the security audit, and testing are ongoing simultaneously.

Progress on the DeFi-R proof of concept to introduce permissioned finance for entities such as Central Banks, Exchanges, and NGOs is notable, with the Polkaswap collaboration for a front-end web implementation and test cases and activities ongoing.

The ongoing task of opening HRMP channels to other Polkadot ecosystem networks has also progressed. Work is ongoing to open a channel to Moonbeam, with the proposal currently in their network governance. Conversations and governance processes with other networks to open new channels are also ongoing.

Additional work on SORA Substrate infrastructure includes updating the Polkadot SDK and implementing Ink! Smart contract support, and research to update the structure of Assets for better upgradeability in the future.

Collaboration and blockchain architecture research for SORA v3, including integration or interoperability with Central Bank networks, is ongoing.

Finally, ongoing project management activities include SORA Governance and Technical committee support, quality assurance ops, and development support for external teams building on the SORA network.

On the mobile side, testing of SORA Card Phase 2 is underway, integrating the fiat wallet feature and optimising cross-communication of the fiat wallet application to the SORA wallet, integrating the final set of updates required from external partners, and working on improvements to the KYC flow.

1.1　SORA Backend

- Kensetsu:
  - Research and brainstorming for the subsequent iterations for augmenting and improving the product;
  - Continuous improvement of the implementation;
  - Development of business metrics for monitoring products;
  - Collaborating with the marketing team on education initiatives.

- Tokenomics Upgrade:
  - Implement new Chameleon pools;
  - Finalise requirements for the second phase of the upgrade.

- Multi-EVM Bridge:
  - Testing the bridge;
  - Researching and implementing support for Binance Smart Chain (BSC).

- TON Bridge:
  - Technology research and definition of architecture;
  - Implementing support for the bridge to TON;
  - Testing bridge;
  - Auditing security.

- Aggregate Liquidity Technology (ALT):
  - Testing and fixing activities;
  - Writing an article and documentation.

- DeFi-R Proof of Concept:
  - Collaboration with the Polkaswap team for implementation on the Web;
  - Writing test cases and testing activities.

- Others:
  - Brainstorming improvements on the structure of assets: ExtendedAssets;
  - Upgrading Polkadot SDK version to v1.11.0;
  - Implementing support for Ink! Smart contract;
  - Implementing support for KUSD-based pairs in the liquidity pools and KUSD-quoted orders in the Order Book.

- Collaborating with the SORA Builders (Ceres, Palmatrix teams) and providing technical support to the community;
- Collaborating with private companies and implementing Proof of Concept projects on SORA;
- Codebase maintenance, cleaning, and optimisation;
- Collaboration and research on blockchain architecture for central banks powered by SORA (SORA v3);
- Project management activities (daily meetings, planning, retrospectives);
- Quality assurance and testing activities, as well as the development of automated tests.

1.2 Mobile Apps

- Testing Phase 2:
  - Updating implementation based on changes from external partners;
  - Integration of fiat wallet application;
  - cross-app communication between SORA and Fiat wallets;
  - Improvements in KYC flow.

- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities;
- Communicated and synchronized with external partners for SORA Card: Phase 2.

2   Substrate (PSWAP) – 735 hrs

Polkaswap has received a substantial amount of ongoing improvements, including:

- HASHI Bridge: Curio network support (XOR, VAL, PSWAP, CGT, KSM tokens);
- HASHI Bridge: TON integration;
- Aggregate Liquidity Technology (ALT) support:
  - Added ALT implementation to the substrate-js library;
  - Integrated ALT support on the Swap page.

- Added widget Picture-in-Picture support;
- Point System improvements:
  - New criteria have been developed;
  - Improved indexer logic (new data includes governance, order book, liquidity provision, XOR Native staking, Kensetsu, and deposits).

- Defi-R implementation:
  - Improved the Asset Owner page;
  - Improved token creation flows for regular, NFT, SBT, and regulated assets;
  - Added SBT and regulated asset management tools for financial institutions;
  - Added regulated assets support (a new type of token) for user-owned SBT;
- Improved the search feature for Kensetsu stats;
- Added a new loader on the bridge transactions view;
- Updated methods to connect/disconnect an Ethereum wallet;
- Enhanced swap page styles;
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities.

3   DevOps and Security – 467 hrs

The work done this month by DevOps covers the SORA network as well as its underlying infrastructure. Here are more details:

3.1 SORA Blockchain

- Improved CI/CD pipeline:
  - PR generator
- Internal security audit for:
  - TON bridge

3.2 Parachain

- Improved CI/CD pipeline:
  - PR generator

3.3 Polkaswap

- Improved CI/CD pipeline
- Working on fault tolerance

3.4 Mobile Clients

- Updated CI/CD pipeline
  - Super Wallet CI/CD;
  - Upgraded autotests pipelines;
  - Improved library.

3.5 SORA Card

- Working on Infrastructure hardening

4   Education – 755 hr

Educational operations this month included:

4.1 SORA

- Ecosystem Update;
- Ongoing wiki Improvements;
- Social media management;
- SORATOPIA Campaign including:
  - Collaboration with other Telegram games;
  - Strategic Growth and SMM.
- Weekly network digest recap;
- Relationship management with parachain teams to open HRMP channels;
- Discussions with potential partners to integrate their services into the SORA wallet and integrate SORA DeFi services into their product;
- Alignment and coordination for business-oriented initiatives;
- Ongoing SORA wiki maintenance and feature documentation covering new releases for users and builders;
- Cross-team, cross-department synchronization and planning on processes;
- Product-Marketing collaboration on marketing campaigns;
- Product-education collaboration on campaigns;
- Data analysis of the network and ecosystem to drive data-driven decision-making;
- Meeting and brainstorming with builders partners for implementing projects on SORA;
- Brainstorming, strategising, and planning for SORA v3;
- SORA evangelisation at industry events and conferences.

4.2 Polkaswap

- Ecosystem update;
- Social media management;
- Kensetsu education series;
- Polkaswap Point system launch;
- Polkaswap dApp update coverage.

- Expenses of attending high-impact in-person events and business-to-government (B2G) meetings.

5   Total Hours – 7,725 hr

Additionally, invoice 900107, attached, pertains to cloud server costs for August 2024.

Your ongoing support is greatly appreciated, and we look forward to continuing to serve you.

Sincerely,

SORAMITSU Helvetia AG

The SORA Ecosystem Updates, published on October 1*, and the Polkaswap updates on* October 1 *present supporting concept updates.*

SORA TRUST

Invoice

Invoice for
SORA.org

Payable to
Sora Trust

Project
Cloud Service Provider Cost for August 2024

Issue Date
13 September 2024

Due Date
4 October 2024

Invoice Number
ST900107

Description	Amount (CHF)
Cloud Service Provider Cost for August 2024	13,396.00

Subtotal	**13,396.00**
Tax	**0.00**

Total Amount Due   **CHF 13,396.00**

* Payment can be made in equivalent vXOR, at the market rate.

Wallet Address :   **cnWP3DYJ5afJZaZsvJ84REqBjqLDRbknejXtCqzj5DC6eQX1R**

Thank you very much for your business. We are looking forward to serving you again.

SORA TRUST

Invoice

Invoice for
SORA.org

Payable to
Sora Trust

Issue Date
13 September 2024

Invoice Number
ST900108

Project
Development Cost for August 2024

Due Date
4 October 2024

Description	Quantity (Work-Hours)	Unit Price (CHF)	Amount (CHF)
SORA (Backend, Mobile Apps)	5,759	333.00	1,917,747.00
Polkaswap (Backend, Frontend)	735	333.00	244,755.00
DevOps and Security Review	476	333.00	158,508.00
Education	755	333.00	251,415.00
Subtotal	**7,725.00**	**333.00**	**2,572,425.00**

Subtotal	**2,572,425.00**
Tax	**0.00**

Amount Due   CHF 2,572,425.00

Grand Total Due (Invoice ST900107 & ST900108)   CHF 2,585,821.00

* Payment can be made in equivalent vXOR, at the market rate.

Wallet Address :   **cnWP3DYJ5afJZaZsvJ84REqBjqLDRbknejXtCqzj5DC6eQX1R**

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SORAMITSU
8 YEARS 2016-2024 ソラミツ